



Site Assessment CERCLIS & WasteLAN Data Entry Form
EPA Region III - Brownfields & Site Assessment Section (3HS34)

see reverse side
for instructions

Site Name: Pemco Prod

WasteLAN ID#: 0300219

DSN: MD-55

EPA ID#: MD0003093499

Site-Level Data

- ☐ Edit CERCLIS/WasteLAN Identifying Information (Site Name, Address, City, County, County ID, State, Zip Code)

Explain: Delete the Archive Indicator Flag & Archive Indicator Date Field on the Site Description/ou Screens in CERCLIS

- ☐ Non-NPL Status (to override system-generated value): NERAP

- ☐ Site Merge: Merge into this site: Name: _____ ID#: _____

☒ Archiving: It has been determined that no further Federal Superfund interest exists at this site based on available information. No further site assessment, remedial, removal, enforcement, cost recovery, or oversight activities are being planned or conducted at this time. Based on site reassessment dated 5/16/01; "L" qualifier

- ☐ RCRA Deferral Audit Special Initiative: ☐ Lead Confirmed ☐ New Decision ☐ Further Superfund Assessment
☐ Vermiculite Special Initiative

Action-Level Data

ACTION (mark one or more)	LEAD	START DATE	COMPL. DATE	QUALIFIER
<input type="checkbox"/> b Pre-CERCLIS Screening Assessm't (HX)			/ /	
<input type="checkbox"/> d Site Discovery (DS)	F EP S		/ /	
<input type="checkbox"/> f Preliminary Assessment (PA)	F EP S	/ /	/ /	H L N D DN A F W
<input type="checkbox"/> h Site Inspection (SI)	F EP S	/ /	/ /	H L N D DN A F W
<input type="checkbox"/> j Site Inspection Prioritization (SIP)	F EP S	/ /	/ /	H L N D DN A F W
<input type="checkbox"/> k Site Reassessment (OO)	F EP S	/ /	/ /	H L N D DN A F W
<input checked="" type="checkbox"/> l Expanded Site Inspection (ES)	F EP <u>S</u>	<u>2/28/00</u>	<u>1/17/03</u>	<u>G</u> <u>DN</u> <u>DN</u> <u>A</u> <u>F</u> <u>W</u>
<input type="checkbox"/> g Federal Facility PA Review (RX)	F EP S	/ /	/ /	H L N D DN A
<input type="checkbox"/> m Federal Facility SI Review (TY)	F EP S	/ /	/ /	H L N D DN A
<input type="checkbox"/> n Federal Facility ESI Review (TZ)	F EP S	/ /	/ /	G L N D DN A
<input type="checkbox"/> subaction (g/m/n): Returned to Fed. Facility			/ /	
<input type="checkbox"/> o Integrated ESI/RI (ESI/RI)	F EP S	/ /	/ /	G L N D DN A F W
<input type="checkbox"/> q Hazard Ranking System Pkg (HR)	F EP S	/ /	/ /	O N D DN F W
<input type="checkbox"/> r Integrated Assessment (EA)	F EP S	/ /	/ /	H G L N D DN A F W
<input type="checkbox"/> p State Deferral (AQ)	SD	/ /	/ /	RS RT
<input type="checkbox"/> t Other Cleanup Activity (VA)	_____	/ /	/ /	H L (or may leave blank)
<input type="checkbox"/> Comprehensive Site Investigation	_____	/ /	/ /	H L (or may leave blank)
<input type="checkbox"/> Remedy Selection	_____	/ /	/ /	H L (or may leave blank)
<input type="checkbox"/> Design	_____	/ /	/ /	H L (or may leave blank)
<input type="checkbox"/> Construction	_____	/ /	/ /	H L (or may leave blank)
<input type="checkbox"/> Post-Construction Maintenance	_____	/ /	/ /	H L (or may leave blank)
<input type="checkbox"/> Short Term Cleanup	_____	/ /	/ /	H L (or may leave blank)
<input type="checkbox"/> Comfort/Status Letter	FE	/ /	/ /	

type: ☐ No Previous Federal SF Interest ☐ No Current Federal SF Interest ☐ Federal Interest ☐ State Action

Authorization (SAM) Signature & Date

Data Control Clerk Signature & Date

Date Quality Coord. Signature & Date

Site Assessment CERCLIS & WasteLAN Data Entry Form
EPA Region III – Brownfields & Site Assessment Section (3HS34)

Instructions for Completing and Submitting the Form

Note: Do not use this form:

- 1) to enter a new site into CERCLIS/WasteLAN; use the Site Discovery form.
- 2) to enter Targeted Brownfields Assessment information; use the WasteLAN Brownfields Module form.

1. **Basic Site Information:** Enter the site name. For all sites, enter the WasteLAN ID# (this 7-digit # begins with "03" and can be found in WasteLAN). For CERCLIS sites, also enter the Dump Site Number (DSN) and EPA ID#.
2. **Site-Level Data:** This data applies to the overall site, not to a specific action.
 - A. **Non-NPL Status:** WasteLAN automatically generates a value based on actions and dates; to override, select a different value from the list (see Site Description/Operable Unit screen). See (c) in Appendix A of the Superfund/Oil Program Implementation Manual ("SPIM") for additional info.
 - B. **Site Merge:** Indicate which site this site should be merged into. The site listed at the top of the form will no longer exist separately in CERCLIS, but will appear as an alias name under the site it is merged into. Site merges should only be done for identical, duplicate sites.
 - C. **Archiving:** Be sure that no further site assessment, remedial, removal, enforcement, cost recovery, or oversight activities are being planned or conducted. See (e) in SPIM Appendix A for additional information.
 - D. **RCRA Deferral Audit Special Initiative:** Indicate which one of the three categories the site falls into.
 - E. **Vermiculite Special Initiative:** Indicate if the site is assessed under the Vermiculite Special Initiative.
3. **Action-Level Data:** This data applies to particular actions, not to the overall site.
 - A. The italicized lower-case letters (*b*, *c*, etc.) refer to the categories in SPIM Appendix A, which contains additional information about the tracking of CERCLIS/WasteLAN data.
 - B. For Pre-CERCLIS Screening Assessments (*b*), the information will be tracked in WasteLAN but not CERCLIS. For the remaining categories, the information will be in both WasteLAN and CERCLIS.
 - C. For a Pre-CERCLIS Screening Assessment (*b*), if the decision is to add the site to CERCLIS, also enter a Site Discovery (*d*) and complete and submit a Site Discovery form.
 - D. The *action*, *lead*, and *start date* should be entered when an action is started; do not wait until the action has been completed. The *completion date* and *qualifier* are entered when the action is completed.
 - E. **Action:** Check the appropriate boxes.
 1. For a *Combined PA/SI*, check both the PA (*f*) and SI (*h*) boxes. The start dates, completion dates, and leads should be the same. See (*i*) in SPIM Appendix A for additional information.
 2. For an *Integrated ESI/RI* (*o*), do **NOT** enter a separate ESI and RI.
 3. For an *Integrated Assessment* (*r*), **DO** also: a) enter as a PA (*f*), SI (*h*), PA/SI (*f&h*), SIP (*j*), ESI (*i*), Integrated ESI/RI (*o*), or HRS Package (*q*), **and** b) coordinate with the OSC/IMC to ensure the entry of a Removal Assessment (YA). Leads, start dates, and completion dates must match for all three actions.
 4. For Comfort/Status Letters, indicate which type of letter it is. The start date is the date of the request for a letter; the completion date is the date of the letter. See (dd) in SPIM Appendix C for more information.
 - F. **Lead:** Circle the lead for each action.
 1. For most actions, lead codes are: F = Federal (EPA contractor); S = State; and EP = EPA In-House (EPA staff). [note: TR (Tribal) is also a valid code but is not used in Region III]
 2. For State Deferral (*p*), the lead is SD = State Deferral. For Comfort/Status Letters, the lead is FE = Fed. Enforcement.
 3. For Other Cleanup Activity (*t*), lead codes are SE = State Enforcement; SR = PRP Lead Under State; S = State; SN = No Fund Money; FF = Federal Facility; and RP = PRP.
 - G. **Start and Completion Dates:** Enter the date the action was started and/or the date it was completed. See the appropriate section of SPIM Appendix A for specific definitions of start and completion dates for particular actions.
 - H. **Qualifier:** Circle the qualifier for each action. Qualifier codes are:

H = higher priority for further assessment	O = proposed to NPL
L = lower priority for further assessment	F = referred to Removal Program, with further remedial assessment expected/needed
N = no further remedial action planned (NFRAP)	W = referred to Removal Program, with no further remedial assessment expected/needed
D = deferred to RCRA Subtitle C Program	RS = Region confirmed successful deferral completion
DN = deferred to Nuclear Regulatory Commission (NRC)	RT = Region terminated deferral
A = site collapsed into an existing NPL site	
G = recommended for HRS scoring	
4. **Signature Block:** The SAM or other authorized employee must sign and date the form.

Submit the completed form to the Removal Branch Data Control Clerk. The form will be returned after the data has been entered and QA'd. Place the returned form into the site file.

REGION: 03
STATE : MD

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
C E R C L I S V 1.2

PAGE: 153
RUN DATE: 10/09/86
RUN TIME: 23:09:56

ORIGINAL
(Red)

M.2 - SITE MAINTENANCE FORM

* ACTION: _ *

EPA ID : MDD003093499

SITE NAME: PEMCO PROD SOURCE: R * _ *

STREET : 5601 EASTERN AVE CONG DIST: 03 * _ *

CITY : BALTIMORE ZIP: 21224 * _ - _ *

CNTY NAME: BALTIMORE CNTY CODE : 510 * _ *

LATITUDE : 39/17/18.0 LONGITUDE : 076/32/48.0 * _/_/_._ _/_/_._ *

LL-SOURCE: G LL-ACCURACY: * _ *

SMSA : 0720 HYDRO UNIT: 02060003 * _ *

INVENTORY IND: Y REMEDIAL IND: Y REMOVAL IND: N FED FAC IND: N * _ - - - *

NPL IND: N NPL LISTING DATE: NPL DELISTING DATE: * _ _/_ _/_ *

SITE/SPILL IDS: * _ _ _ _ *

RPM NAME: MIKE NALIPINSKI RPM PHONE: 215-597-9800 * _ - _ - _ *

SITE CLASSIFICATION: SITE APPROACH: * _ *

DIOXIN TIER: REG FLD1: REG FLD2: * _ - *

RESP TERM: PENDING () NO FURTHER ACTION () * PENDING () NO FURTHER ACTION () *

ENF DISP: NO VIABLE RESP PARTY () VOLUNTARY RESPONSE () * _ - *

ENFORCED RESPONSE () COST RECOVERY () * _ - *

SITE DESCRIPTION:

* _ *

* _ *

* _ *

* _ *

MD - 05C

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
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M.2 - ALIAS/ALIAS LOCATION MAINTENANCE FORM

ORIGINAL
(Red)

REGION: 03
STATE : MD

		* ACTION: _	*
SITE:	PEMCO PROD		
EPA ID:	MDD003093499	ALIAS SEQ NO: 01	
ALIAS NAME:	MOBAY CHEMICAL CORP PEMCO PROD DIV	SOURCE: R	* _____ *
ALIAS LOCATION		* ACTION: _	*
CONTIGUOUS PORTION OF SITE? C	FED FAC IND: N	* _	*
STREET : 5601 EASTERN AVE	CONG DIST : 03	* _____	*
CITY : BALTIMORE	ST: MD ZIP: 21224	* _____	*
CNTY NAME: BALTIMORE	CNTY CODE: 510	* _____	*
LATITUDE : 39/17/18.0	LONGITUDE : 076/32/48.0	* _/_/_.	*
LL-SOURCE: G	LL-ACCURACY:	* _	*
SMSA : 0720	HYDRO UNIT: 02060003	* _____	*
ALIAS DESCRIPTION:			
		* _____	*
		* _____	*
		* _____	*
		* _____	*

REGION: 03
STATE : MD

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M.2 - PROGRAM MAINTENANCE FORM

ORIGINAL
(Red)

SITE: PEMCO PROD

EPA ID: MDD003093499 PROGRAM CODE: H01 PROGRAM TYPE:

PROGRAM QUALIFIER: ALIAS LINK :

PROGRAM NAME: SITE EVALUATION

DESCRIPTION:

* ACTION: _ *

* _ *

* _ _ *

* _ _ *

* _ _ *

* _ _ *

* _ _ *

* _ _ *

REGION: 03
STATE : MD

U.S. ENVIRONMENTAL PROTECTION AGENCY
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ORIGINAL
(Red)

M.2 - EVENT MAINTENANCE FORM

* ACTION: _ *

SITE: PEMCO PROD
PROGRAM: SITE EVALUATION

EPA ID: MDD003093499 PROGRAM CODE: H01 EVENT TYPE: DS1

FMS CODE: EVENT QUALIFIER : EVENT LEAD: E * _ _ *

EVENT NAME: DISCOVERY STATUS: * _ *

DESCRIPTION:

* _ *
* _ *
* _ *
* _ *

ORIGINAL	CURRENT	ACTUAL
START:	START:	START: * _/_/_ _/_/_ _/_/_ *
COMP :	COMP :	COMP : 11/01/79 * _/_/_ _/_/_ _/_/_ *

HQ COMMENT:

* _ *

RG COMMENT:

* _ *

COOP AGR #	AMENDMENT #	STATUS	STATE %
			0 * _ _ _ *

REGION: 03
STATE : MD

U.S. ENVIRONMENTAL PROTECTION AGENCY
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ORIGINAL
(Red)

M.2 - EVENT MAINTENANCE FORM

* ACTION: _ *

SITE: PEMCO PROD
PROGRAM: SITE EVALUATION

EPA ID: MDD003093499 PROGRAM CODE: H01 EVENT TYPE: PA1

FMS CODE: EVENT QUALIFIER : EVENT LEAD: * _ _ *

EVENT NAME: PRELIMINARY ASSESSMENT STATUS: * _ *

DESCRIPTION:

* _ *
* _ *
* _ *
* _ *

ORIGINAL	CURRENT	ACTUAL
START:	START:	START: * _/_/_ _/_/_ _/_/_ *
COMP :	COMP :	COMP : 02/01/82 * _/_/_ _/_/_ _/_/_ *

HQ COMMENT:

* _ *

RG COMMENT:

* _ *

COOP AGR #	AMENDMENT #	STATUS	STATE %
			0 * _ _ _ *

REGION: 03
STATE : MD

U.S. ENVIRONMENTAL PROTECTION AGENCY
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ORIGINAL
(Red)

M.2 - EVENT MAINTENANCE FORM

* ACTION: _ *

SITE: PEMCO PROD
PROGRAM: SITE EVALUATION

EPA ID: MDD003093499 PROGRAM CODE: H01 EVENT TYPE: SI1

FMS CODE: EVENT QUALIFIER : EVENT LEAD: E * _ _ *

EVENT NAME: SITE INSPECTION STATUS: * _ _ *

DESCRIPTION:

* _ _ *
* _ _ *
* _ _ *
* _ _ *

ORIGINAL	CURRENT	ACTUAL			
START:	START:	START: 08/01/84	* _/_/_	_/_/_	_/_/_ *
COMP :	COMP :	COMP : 12/01/84	* _/_/_	_/_/_	_/_/_ *

HQ COMMENT:

* _ _ *

RG COMMENT:

* _ _ *

COOP AGR #	AMENDMENT #	STATUS	STATE %			
			0	* _ _	_ _	_ _ *

REGION: 03
STATE : MD

U.S. ENVIRONMENTAL PROTECTION AGENCY
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ORIGINAL
(Red)

M.2 - REGIONAL UTILITY MAINTENANCE FORM

SITE: PEMCO PROD

EPA ID: MDD003093499

REG CODE: 3DSN-01

DESCRIPTION: DUMPSITE NUMBER

DATE1:

DATE2:

DATE3:

FREE FIELD: MD-055

REG CODE: 3EPA-01

DESCRIPTION: EPA PRELIM ASSESS

DATE1: 02/01/82

DATE2:

DATE3: 02/01/82

FREE FIELD:

REG CODE: 3ESI-01

DESCRIPTION: EPA SITE INSPECTION

DATE1: 03/01/82

DATE2: 03/01/82

DATE3: 08/01/82

FREE FIELD:

* ACTION: _ *

* _____ *

* _____ *

* __/__/__ *

* __/__/__ *

* __/__/__ *

* _____ *

* ACTION: _ *

* _____ *

* _____ *

* __/__/__ *

* __/__/__ *

* __/__/__ *

* _____ *

* ACTION: _ *

* _____ *

* _____ *

* __/__/__ *

* __/__/__ *

* __/__/__ *

* _____ *

U.S. ENVIRONMENTAL PROTECTION AGENCY
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ORIGINAL
(Red)

M.2 - REGIONAL UTILITY MAINTENANCE FORM

REGION: 03
STATE : MD

SITE: PEMCO PROD

EPA ID: MDD003093499

REG CODE: 3GEN-01

DESCRIPTION: RCRA GENERATOR

DATE1:

DATE2:

DATE3:

FREE FIELD:

* ACTION: _ *

* _____ *

* _____ *

* __/__/__ *

* __/__/__ *

* __/__/__ *

* _____ *

REG CODE: 3SSI-01

DESCRIPTION: STATE SITE INSPECTION

* ACTION: _ *

* _____ *

* _____ *

* __/__/__ *

* __/__/__ *

* __/__/__ *

* _____ *

DATE1: 03/01/82

DATE2: 06/20/83

DATE3: 02/01/80

FREE FIELD:

REG CODE: 3TRN-01

DESCRIPTION: RCRA TRANSPORTER

* ACTION: _ *

* _____ *

* _____ *

* __/__/__ *

* __/__/__ *

* __/__/__ *

* _____ *

DATE1:

DATE2:

DATE3:

FREE FIELD:

REGION: 03
STATE : MD

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF EMERGENCY AND REMEDIAL RESPONSE
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ORIGINAL
(Red)

M.2 - REGIONAL UTILITY MAINTENANCE FORM

SITE: PEMCO PROD

EPA ID: MDD003093499

REG CODE: 3TSD-01

DESCRIPTION: TREATMENT STORAGE & DISPOSAL FACILITY

DATE1:

DATE2:

DATE3:

FREE FIELD:

* ACTION: _ *
* _____ *
* _____ *
* __/__/__ *
* __/__/__ *
* __/__/__ *
* _____ *



Notification of Hazardous Waste Site

ORIGINAL

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

810605

MDS-CCC-001-074

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Pemco Products, Inorganic Chemicals Div., Mobay Chemical Corporation
Street 5601 Eastern Avenue
City Baltimore State MD Zip Code 21224

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Mobay Chem. Corp.
Pemco Products, Inorganic Chemical Div., Mobay Chemical Corporation
Street 5601 Eastern Avenue
City Baltimore County NA State MD Zip Code 21224

MDD-00-309-3479

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) Chapman, Frank - Manager-Manufacturing Engineering
Phone (301) 633-9550

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1924 To (Year) 1980

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

- 1. ☐ Organics
- 2. ☐ Inorganics
- 3. ☐ Solvents
- 4. ☐ Pesticides
- 5. ☐ Heavy metals
- 6. ☐ Acids
- 7. ☐ Bases
- 8. ☐ PCBs
- 9. ☐ Mixed Municipal Waste
- 10. ☐ Unknown
- 11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

- 1. ☐ Mining
- 2. ☐ Construction
- 3. ☐ Textiles
- 4. ☐ Fertilizer
- 5. ☐ Paper/Printing
- 6. ☐ Leather Tanning
- 7. ☐ Iron/Steel Foundry
- 8. ☐ Chemical, General
- 9. ☐ Plating/Polishing
- 10. ☐ Military/Ammunition
- 11. ☐ Electrical Conductors
- 12. ☐ Transformers
- 13. ☐ Utility Companies
- 14. ☐ Sanitary/Refuse
- 15. ☐ Photofinish
- 16. ☐ Lab/Hospital
- 17. ☐ Unknown
- 18. ☐ Other (Specify)

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

D004
D005
D006
D007
D008
D010

RECEIVED
RCRA SECTION
EPA REGION III

JUN 5 81 000030

Notification of Hazardous Waste Site

Side Two

- F Waste Quantity:**
- Place an X in the appropriate boxes to indicate the facility types found at the site.
- In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.
- In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

- Facility Type**
1. ☐ Piles
 2. ☐ Land Treatment
 3. ☒ Landfill
 4. ☐ Tanks
 5. ☐ Impoundment
 6. ☐ Underground Injection
 7. ☐ Drums, Above Ground
 8. ☐ Drums, Below Ground
 9. ☐ Other (Specify) _____

Total Facility Waste Amount

cubic feet 1 000 000 C

gallons _____

Total Facility Area

square feet _____

acres 3 A

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

☐ Known ☐ Suspected ☐ Likely ☒ None

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

See Attachment No. 1

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name John E. Jozefowski

Street _____

City _____

State _____

Zip Code _____

Signature 

Date

5/5/81

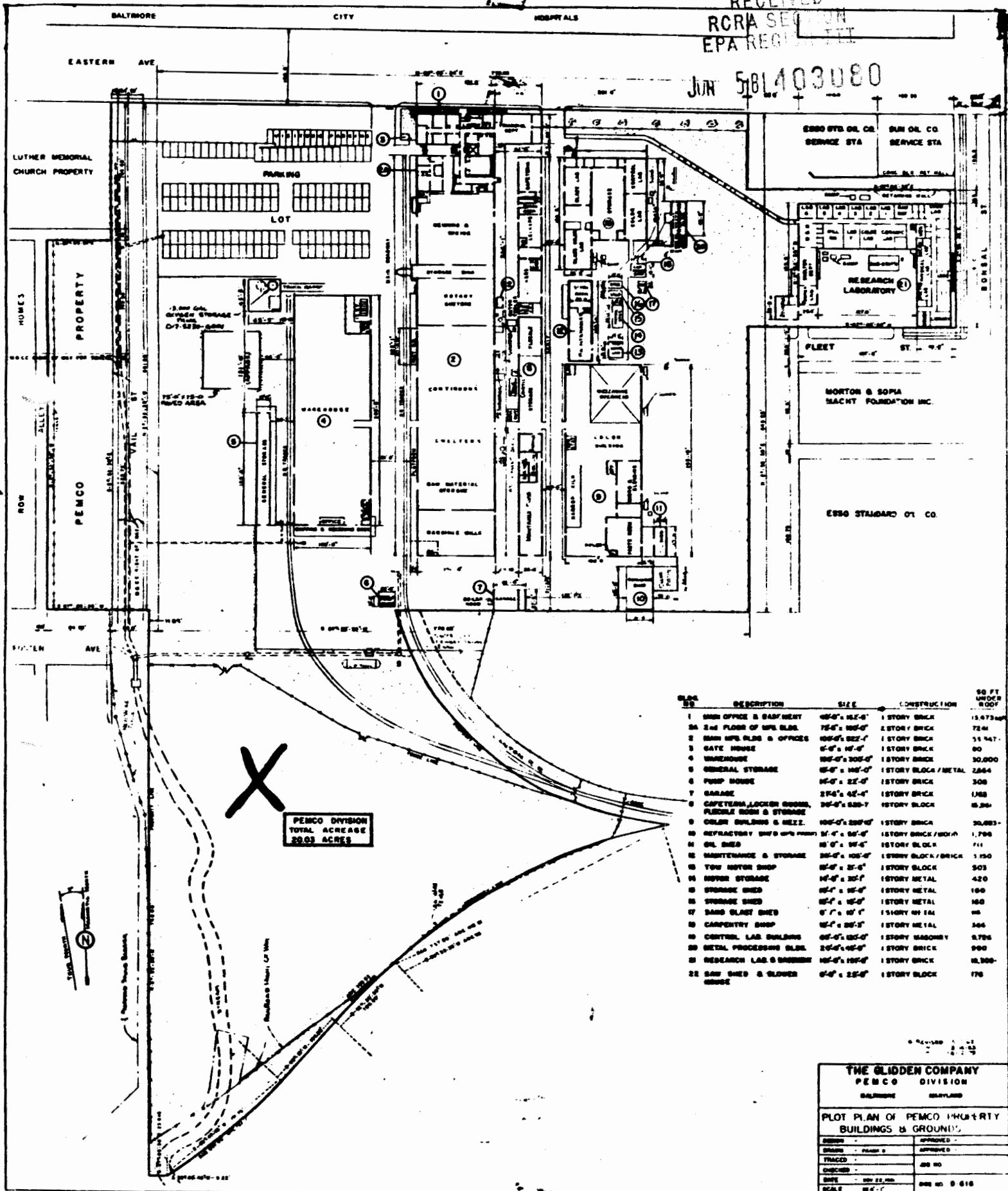
- ☒ Owner, Present
☐ Owner, Past
☐ Transporter
☐ Operator, Present
☒ Operator, Past
☐ Other

ORIGINAL
(Red)

Attachment No. 1

RECEIVED
RCRA SECTION
EPA REGION III

JUN 58L403080



**THE GLIDDEN COMPANY
PEMCO DIVISION**
BALTIMORE, MARYLAND

**PLOT PLAN OF PEMCO INDUSTRY
BUILDINGS & GROUNDS**

DESIGN	APPROVED
DRAWN	APPROVED
TRACED	APPROVED
CHECKED	APPROVED
DATE	DATE
SCALE	SCALE

Mobay



(Red)

ORIGINAL
(Red)

RECEIVED
RCRA SITE
EPA REGION III

JUN 5 81 403078

Mobay
Chemical Corporation

June 4, 1981

Penn Lincoln Parkway West
Pittsburgh, PA 15205
Telephone: 412/777-2000

Sites Notification
U. S. Environmental
Protection Agency
Region III
Sixth and Walnut Streets
Philadelphia, PA 19106

To Whom It May Concern:

Attached is the "Notification of Hazardous Waste Site" (Form 8900-1) for the Mobay Chemical Corporation, Pemco Products plant.

If you have any questions please call me at the number below.

Very truly yours,


G. A. Koenig
Senior Environmental Engineer

GAK:cew

Attachment

Writer's Direct Dial Number
(412) 777-2714

Mobay



ORIGINAL
(Red)

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED
RCRA SECTION
EPA REGION III

JUN 9 1981 000019

Mobay
Chemical Corporation

"Copy"
Read

June 4, 1981

Penn Lincoln Parkway West
Pittsburgh, PA 15205
Telephone: 412/777-2000


Sites Notification
U. S. Environmental
Protection Agency
Region III
Sixth and Walnut Streets
Philadelphia, PA 19106

To Whom It May Concern:

Attached is the "Notification of Hazardous Waste Site" (Form 8900-1) for the Mobay Chemical Corporation, Pemco Products plant.

If you have any questions please call me at the number below.

Very truly yours,


G. A. Koenig
Senior Environmental Engineer

GAK:cew

Attachment

bcc: J. R. Cooper
L. P. Hughes w/o attach.
J. E. Josefowski
E. L. Powers w/o attach.

Writer's Direct Dial Number
(412) 777-2714

EPA Notification of Hazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

**ORIGINAL
(Red)**

810608

MD-00-001-074

A Person Required to Notify:

Enter the name and address of the person or organization required to notify.

Name Pemco Products, Inorganic Chemicals Div., Mobay Chemical Corporation
Street 5601 Eastern Avenue
City Baltimore State MD Zip Code 21224

B Site Location:

Enter the common name (if known) and actual location of the site.

Name of Site Pemco Products, Inorganic Chemical Div., Mobay Chemical Corporation
Street 5601 Eastern Avenue
City Baltimore County NA State MD Zip Code 21224

C Person to Contact:

Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.

Name (Last, First and Title) Chapman, Frank - Manager-Manufacturing Engineering
Phone (301) 633-9550

D Dates of Waste Handling:

Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.

From (Year) 1924 To (Year) 1980

E Waste Type: Choose the option you prefer to complete

Option 1: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site.

General Type of Waste:

Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

1. ☐ Organics
2. ☐ Inorganics
3. ☐ Solvents
4. ☐ Pesticides
5. ☐ Heavy metals
6. ☐ Acids
7. ☐ Bases
8. ☐ PCBs
9. ☐ Mixed Municipal Waste
10. ☐ Unknown
11. ☐ Other (Specify)

Source of Waste:

Place an X in the appropriate boxes.

1. ☐ Mining
2. ☐ Construction
3. ☐ Textiles
4. ☐ Fertilizer
5. ☐ Paper/Printing
6. ☐ Leather Tanning
7. ☐ Iron/Steel Foundry
8. ☐ Chemical, General
9. ☐ Plating/Polishing
10. ☐ Military/Ammunition
11. ☐ Electrical Conductors
12. ☐ Transformers
13. ☐ Utility Companies
14. ☐ Sanitary/Refuse
15. ☐ Photofinish
16. ☐ Lab/Hospital
17. ☐ Unknown
18. ☐ Other (Specify)

Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 3001 regulations (40 CFR Part 261).

Specific Type of Waste:

EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is located.

D004
D005
D006
D007
D008
D010

RECEIVED
RCRA SECTION
EPA REGION 1
JUN 9 1981

Notification of Hazardous Waste Site

Side Two

F Waste Quantity:

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

Facility Type

1. ☐ Piles
2. ☐ Land Treatment
3. ☒ Landfill
4. ☐ Tanks
5. ☐ Impoundment
6. ☐ Underground Injection
7. ☐ Drums, Above Ground
8. ☐ Drums, Below Ground
9. ☐ Other (Specify) _____

Total Facility Waste Amount ORIGINAL

cubic feet 1 000, 000 (Red)

gallons _____

Total Facility Area

square feet _____

acres 3 A

G Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to indicate any known, suspected, or likely releases of wastes to the environment.

☐ Known ☐ Suspected ☐ Likely ☒ None

Note: Items H and I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional) Y

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

See Attachment No. 1

I Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.

J Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".

Name John E. Jozefowski

Street _____

City _____

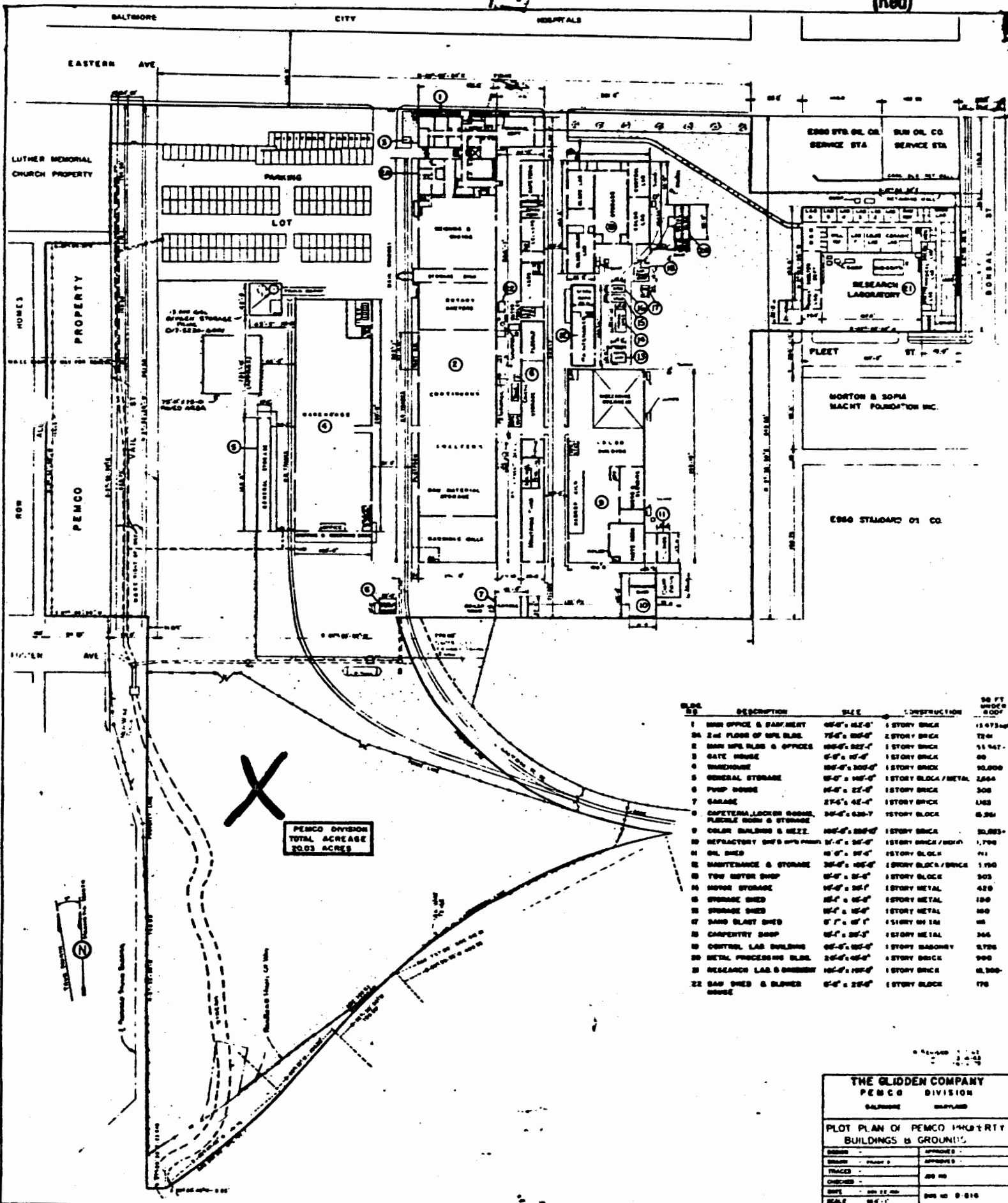
State _____

Zip Code _____

Signature 

Date 5/5/81

☒ Owner, Present☐ Owner, Past☐ Transporter☐ Operator, Present☒ Operator, Past☐ Other

ORIGINAL
(Red)

POTENTIAL HAZARDOUS WASTE SITE LOG		SITE NUMBER <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		
NOTE: The initial identification of a potential site or incident should not be interpreted as a finding of illegal activity or confirmation that an actual health or environmental threat exists. All identified sites will be assessed under the EPA's Hazardous Waste Site Enforcement and Response System to determine if a hazardous waste problem actually exists.				
SITE NAME PEMCO PRODUCTS				
CITY BALTIMORE		STATE MD.	ZIP CODE 21224	
SUMMARY OF POTENTIAL OR KNOWN PROBLEM <div style="text-align: center; font-size: 1.2em; margin-top: 10px;"> LEAD & HEAVY METAL DISPOSAL </div>				
ITEM	DATE OF DETERMINATION OR COMPLETION	RESPONSIBLE ORGANIZATION OR INDIVIDUAL <small>(EPA, State, Contractor, Other)</small>	PERSON MAKING ENTRY TO LOG FORM	DATE ENTERED ON LOG <small>(mo, day, yr)</small>
1. IDENTIFICATION OF POTENTIAL PROBLEM	11/16/79	EPA	J. HUMPHRIES	1/23/80
2. PRELIMINARY ASSESSMENT				
APPARENT SERIOUSNESS OF PROBLEM: <input type="checkbox"/> HIGH <input type="checkbox"/> MEDIUM <input type="checkbox"/> LOW <input type="checkbox"/> NONE <input checked="" type="checkbox"/> UNKNOWN				1/23/80
3. SITE INSPECTION				
4. EPA TENTATIVE DISPOSITION <small>(check appropriate item(s) below)</small>				
<input type="checkbox"/> a. NO ACTION NEEDED				
<input type="checkbox"/> b. INVESTIGATIVE ACTION NEEDED				
<input type="checkbox"/> c. REMEDIAL ACTION NEEDED				
<input type="checkbox"/> d. ENFORCEMENT ACTION NEEDED				
5. EPA FINAL STRATEGY DETERMINATION <small>(check appropriate item(s) below)</small>				
<input type="checkbox"/> a. NO ACTION NEEDED				
<input type="checkbox"/> b. REMEDIAL ACTION NEEDED				
<input type="checkbox"/> c. REMEDIAL ACTION NEEDED BUT, NO RESOURCES AVAILABLE				
<input type="checkbox"/> d. ENFORCEMENT ACTION NEEDED				
<input type="checkbox"/> (1) CASE DEVELOPMENT PLAN PREPARED				
<input type="checkbox"/> (2) ENFORCEMENT CASE FILED OR ADMINISTRATIVE ORDER ISSUED				
6. STRATEGY COMPLETED				

20-15-50-22
ORIGINAL
(Red)

R-585-5-4-2
SITE INSPECTION OF
PEMCO PRODUCTS
PREPARED UNDER

TDD NO. F3-8305-24
EPA NO. MD-55
CONTRACT NO. 68-01-6699

FOR THE

HAZARDOUS SITE CONTROL DIVISION
U.S. ENVIRONMENTAL PROTECTION AGENCY

DECEMBER 31, 1984

NUS CORPORATION
SUPERFUND DIVISION

SUBMITTED BY

David Walker
DAVID WALKER
ENGINEERING GEOLOGIST

REVIEWED BY

William Wentworth
WILLIAM WENTWORTH
ASST. MANAGER, REPORTS

APPROVED BY

Garth Glenn
GARTH GLENN
MANAGER, FIT III

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SECTION 1

Site Name: Pemco Products
TDD No.: F3-8305-24

1.0 INTRODUCTION

1.1 Authorization

NUS Corporation performed this work under Environmental Protection Agency Contract No. 68-01-6699. This specific report was prepared in accordance with Technical Directive Document No. F3-8305-24 for the Pemco Products site located in Baltimore, Maryland.

1.2 Scope of Work

This report presents the results of a background survey and a low priority site inspection of the Pemco Products site located in Baltimore, Maryland. This report is based upon a review of EPA and the state of Maryland files, as well as a site inspection.

1.3 Summary

The Pemco Products site, on Eastern Avenue in Baltimore, Maryland, has been used since 1910 to produce glass and porcelain. Until 1979, fine grained porcelain and glass waste known as "frit" was disposed of in an on-site ravine. The "frit" is thought to contain concentrations of cadmium and lead, plus other heavy and trace metals. In 1979, the Maryland Water Resources Administration ordered Pemco to stop disposing of waste on site, to cap and vegetate the disposal area, and to extend a storm sewer through the disposal area to protect a stream that flows through the ravine.

On August 16, 1983, NUS FIT III performed a site inspection of the facility. Aqueous samples were taken from the storm sewer that runs along the toe of the landfill and from an on-site monitoring well. Samples included 2 areas of stressed vegetation, a sample of the sludge presently produced, and a sample of glass waste presently produced, which is similar to "frit".

Site Name: Pemco Products
TDD No.: F3-8305-24

A Quality Assurance Review and Toxicological Evaluation of the data revealed that there is no eminent threat to human health or the environment. Elevated levels of lead and arsenic in a shallow monitoring well may preclude future use of shallow groundwater as a potable source. Samples of sludge and glass waste that are now taken off site, are similar to those which were disposed of on site, showed high levels of heavy metals. The storm sewer samples did contain low levels of lead and cadmium, but these may be characteristic of an urban area. For a more extensive toxicological evaluation, please see section 7.

SECTION 2

2.0 THE SITE

2.1 Location

The site is located at 5601 Eastern Avenue in Baltimore, Maryland. It is on the south side of the street, across from Baltimore City Hospital.

2.2 Site Layout

The Pemco plant and surrounding property occupy 20.03 acres between Eastern Avenue and I-95. The facility is bounded on the east by Bonsal Street and the west by Umbra Street.

The eastern half of the property is dominated by the manufacturing plant and research lab. Disposal took place in the western and southwestern sections of the property.

This area was originally a ravine with a small stream flowing through it. The waste material (frit) was dumped over the bank into the ravine. By 1979, the fill was approximately 40 feet deep and covered an area about 250 x 700 feet (approximately 4 acres). In 1979, the stream was replaced with a storm sewer so that now only a short section of open channel remains on the property. (See appendix B, Map 2.)

2.3 Ownership History

The plant was originally owned and operated by Pemco Corporation. They sold the plant to Glidden Corporation, who in turn sold it to SCM Corporation. SCM sold the plant to Mobay Chemical Company in December 1979. Mobay is the present owner. It should be noted that the plant has been used to produce glass by all its owners.

2.4 Site Use History

The site has been used to manufacture glass and porcelain since 1910. Until 1979, fine grain porcelain and glass wastes, known as "frit", were disposed of in a ravine adjacent to the manufacturing facility. An area of approximately 4 acres was filled to a depth of 40 feet.

The "frit" consists of calcinid or partly fused materials from which glass is made and can include various complex glasses used to introduce soluble or unstable ingredients into enamels or glazes. Since 1979, all wastes from Pemco have been disposed of off site.

2.5 Permit and Regulatory Action History

In 1979, Pemco Products was issued a cleanup order by the the Maryland Water Resources Administration. This order required Pemco to stop on-site disposal of waste, extend storm drains through the contaminated area, and to cap, topsoil, and vegetate the landfill area. Pemco Products (SCM Corporation) complied with this order by April 1979.

On August 18, 1980, Pemco Products notified as a RCRA generator, transporter, and TSD facility, and received facility number MD003093499. The facility also has an NPDES discharge permit number 79-DP-0317 for discharge to the storm sewer.

2.6 Remedial Action To Date

Pemco Products received a cleanup order in early 1979. By April of 1979 the open channel stream at the toe of the landfill was replaced by a 60 inch reinforced concrete storm sewer. The landfill was graded and a 6-8 foot clay loam cap was installed. Topsoil and seed were added and, at the present time, the fill is well vegetated. Two monitoring wells were installed in the summer of 1979. These wells are at the top of the fill and are approximately 20 feet deep. It is possible that the borings intersect the fringe of the landfill near the top of the ravine before entering the native soil.

SECTION 3

3.0 ENVIRONMENTAL SETTING

3.1 Surface Waters

The site is located in the city of Baltimore, so the natural drainage has been altered by man. The western part of the site was originally a 50 foot deep ravine. A small stream originated at a storm sewer outlet on the south side of Eastern Avenue. This stream flowed south along the toe of the landfill, and then under some railroad tracks.

In 1979, Pemco was ordered by the state of Maryland to extend the sewer line from Eastern Avenue almost to the railroad tracks (see appendix B, figure 2). This was done to eliminate contact between the waste and the stream. Runoff from the site now flows southeastward to a short section of open channel at the south end of the property. The stream flows southwestward, and eventually discharges into the Canton Railroad Yards. The U.S.G.S. Topographic Quadrangle Baltimore East does not show the stream discharging into the Patapsco River. It is possible that it infiltrates into the ground in the railroad yard.

3.2 Geology and Soils

Specific soil data is not available for the site area because it is in an urban area. Most of the native soils have been reworked and covered with roads and buildings.

The site is located in the Atlantic Coastal Plain province in an outcrop area of the Arundel Clay. The Arundel Clay is a late cretaceous, gray, brown, and black tough clay. It is interbedded with small lenses of sand and silt. The formation is considered an aquaclude, and acts as a confining layer for the Patuxent Formation below. The Arundel Clay is approximately 150 feet thick in the site area and dips gently to the southeast.

The Patuxent Formation underlies the Arundel Clay. It is a major water bearing unit in Maryland and consists of a series of irregular beds of cretaceous age sands, sandy silts, and clays. The Patuxent outcrops about 3 miles west of the site and dips to the east, getting progressively thicker. In the area, under the site, it is approximately 150 feet thick. The Patuxent rests on the crystalline bedrock, which also slopes to the southeast.

3.3 Groundwaters

Shallow groundwater is 10-15 feet below the ground surface in this area. This information was obtained from shallow wells located on the east side of the fill. It is possible that the borings intersected a thin layer of fill near the fringe before entering the native soil. Shallow groundwater probably flows southwest to the storm sewer and open channel where it would discharge. The Arundel Clay on which the site is located, acts as an aquaclude separating the shallow groundwater from the underlying Patuxent Formation.

The Patuxent Formation is a major water bearing unit of Maryland. The top of the unit is approximately 150 feet below the surface and separated by a thick unit of clay. It is unlikely that shallow groundwater contamination will effect the Patuxent aquifer.

3.4 Climate and Meteorology

Baltimore has a temperate, subhumid climate. The average yearly temperature is 55°F. The average yearly precipitation is 45 inches, and the average lake evaporation is 36 inches.

3.5 Land Use

The area surrounding the Pemco facility is used for industrial, commercial, and residential purposes. To the north is the Baltimore City Hospital, to the east are manufacturing facilities, directly to the south is Interstate 95. The Mount Carmel Cemetary is also situated to the south, beyond the interstate. To the west is a residential area consisting of row homes and a school.

3.6 Population Distribution

The site is within the city limits of Baltimore. Major residential areas are located to the west in Highlandtown and to the east and southeast in Graceland, Harborview, Fairtown, etc. The areas to the south and southwest are mainly industrial. According to a 1970 census, the total population of Baltimore was 847,000,

SECTION 4

Site Name: Pemco Products
TDD No.: F3-8305-24

4.0 WASTE TYPES AND QUANTITIES

There are no records of the amount of waste buried on the Pemco property. An estimated volume can be calculated using the approximate size and depth of the fill. The fill is about 250 x 700 feet in area and 40 feet deep. Therefore, the approximate volume is 7 million cubic feet, or 259,259 cubic yards.

SECTION 5

5.0 FIELD TRIP REPORT

5.1 Summary

On Tuesday, August 16, 1983, NUS representatives David Walker, Richard Cromer, Edmund Reardon, and Christopher Dietz performed a site inspection at the Pemco Products in Baltimore, Maryland. Access was obtained by David Healy, a state of Maryland representative.

The weather during the site visit was comfortable and sunny with a temperature of approximately 80°F.

The disposal area consisted of approximately 4 acres in the western half of the site, where glass waste was dumped into a ravine.

Five samples were taken from a storm sewer that runs through the disposal area. These included an upgradient sample, 2 discharges into the sewer from the plant, a midstream sample and a downstream sample where the sewer dumps into a open channel. Other samples included waste from the plant, sludge from the treatment facility, 2 sediments from seep areas in the landfill, and a monitoring well sample.

5.2 Persons Contacted

5.2.1 Prior to Field Trip

David Healy
Maryland Department of Health and Mental Hygiene
201 West Preston Street
Baltimore, Maryland 21201
(301) 383-6650

5.2.2 At The Site

David Healy
Charles Lewis
Maryland Department of
Health and Mental Hygiene
201 West Preston Street
Baltimore, Maryland 21201
(301) 383-6650

Frank E. Chapman, Jr.
Manager of Utilities,
Environmental Control
Pemco Products
5601 Eastern Avenue
Baltimore, Maryland 21224
(301) 633-9550

Site Name PEMCO Products

[illegible]

5.4 Site Observations

- o FIT III arrived on site at 9:00 A.M.
- o Problems with site access included the fact that the plant operator was not aware of the purpose of the visit.
- o Access was granted by Frank Chapman of Pemco Products.
- o Mr. Chapman requested split samples.
- o A walkthrough of the site was completed and locations of manholes were noted.
- o During the walk to the storm sewer outlet, sanitary waste was noted flowing out of a 42 inch reinforced concrete pipe, flowed into a gabion channel, and then under railroad.
- o The slopes of landfill were in good shape.
- o Small areas of stressed vegetation and small erosional features were noted.
- o Two monitoring wells are located to the east of the landfill. Inspection of these wells showed them to be approximately 20 feet in total depth. One well head was bent over and could not be sampled.
- o It is possible that the borings intersect a fringe of fill material above the native soil.
- o A composite sample of waste material from glass manufacturing was taken from trash containers.

Site Name: Pemco Products
TDD No.: F3-8305-24

- o A sludge sample from the waste water treatment plant was taken as well as the NPDES discharge as it entered a storm sewer.
- o An attempt was made to get an off-site upgradient storm sewer sample; however, the possibility that the correct storm sewer could be located was questionable.
- o The upgradient sample was taken from the furthest, upstream manhole on the property.
- o A non-contact cooling water discharge, which flowed into the same manhole, was also sampled.